**Geometry 10A Unit 2-Area Note: TLW = The Learner Will...**

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| Day 6 Monday 10/4/10 | Day 7 Tuesday 10/5/10 | Day 8 Wednesday 10/6/10 | Day 9 Thursday 10/7/10 | Day 10 Friday 10/8/10  Homecoming  (Assembly schedule) |
| 4.2.b Use properties of polygons to find areas of regular and irregular figures .  Essential Targets:  **TLW analyze a given geometric figure to identify basic shapes within the figure (rectangles, triangles, parallelograms, trapezoids) and calculate the total area of the figure (shapes will be polygons, no circles or curves).** | 4.2.b Use properties of polygons to find areas of regular and irregular figures .  Essential Targets:  **TLW analyze a given geometric figure to identify basic shapes within the figure (rectangles, triangles, parallelograms, trapezoids) and calculate the total area of the figure (shapes will include circles or portions of circles).**  Check for understanding:  Exit ticket. Students given an irregular figure then draw lines to indicate where figure can be decomposed into basic recognizeable shapes and shapes identified. | 5.1.d Describe how changing the measure of one attribute of a geometric figure affects other measurements.  Essential Targets:  **TLW calculate areas of given geometric figures, then change one or more of the its dimensions by a scale factor, and calculate the area of the new figure. TLW then write a statement describing the corresponding change in area.** | 5.1.d Describe how changing the measure of one attribute of a geometric figure affects other measurements.  Essential Targets:  **TLW calculate areas of given geometric figures, then change all dimensions by a given scale factor, and calculate the area of the new figure. TLW then write a statement describing the corresponding change in area.**  Check for understanding:  Exit ticket:Students will complete the following statements with the best word that fits the statememt:  1. When I multiply one dimension by two the area of the figure change by a factor of\_\_\_\_\_\_  3. When I multiply ALL dimensions by two the area will change by a factor of \_\_\_\_\_\_\_\_\_\_ | 1.3.a Use number sense to estimate and justify the reasonableness of solutions to problems involving real numbers  Essential Target  **TLW estimate an answer of a problem involving shapes with non-integer dimensions by using rounding off the dimensions and justifying the reasonableness of a solution.** |